

Appln No09/575,182
Amdt. Dated October 13, 2003
Reply to Office action of May 23, 2003

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A printer module for a compact printer system, the module comprising:

an elongate body ² having a longitudinal axis;

¹⁰ a stationary printhead housed within said body, ¹⁰ the body having two opposing slots, the slots being parallel to the longitudinal axis and
intrconnected by a paper path which passes through the body: (Fig 3)

^{12 & 12a} powered rollers means for moving a printable media through the paper path and past said
stationary printhead;

¹⁴ an ink reservoir within said body and communicating with said printhead;

a storage device ^{RAM 55} means within said body for storing an image to be printed by said printhead;

and

~~means for transferring said image to said printhead;~~

said printhead printing said image on substantially the full width of said printable media in a single pass. ¹⁰

⁵ C. 3, L. 36-37
2. (Original) The printer module of claim 1 further comprising a controller, said controller controlling operation of said printer module. C. 8, L. 40-53

3. (Currently Amended) The printer module of claim 2 wherein said storage device means
for storing said image is flash memory associated with said controller. C. 8, L. 40-53

4. (Currently Amended) The printer module of claim 2 wherein said controller includes said
means a device for transferring said image to said printhead. ^{Print head driver 62.}

⁵¹
5. (Currently Amended) The printer module of claim 1 further comprising a sensor means
for detecting said printing media and activating said means for moving said printing media
in response to said detection. C. 9, L. 5-15

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6. (Original) The printer module of claim 1 further comprising a power source within said housing. Rechargeable battery 11. (Fig 2)

7. (Original) The printer module of claim 1 further comprising at least one connector at an end of said body for connecting one or more further modules to said printer module and a bus providing power and data between said printer module and said one or more further modules. C. 5, L. 40-56

Iwata 8. (Original) The printer module of claim 1 wherein the elongate body is substantially cylindrical. Fig 2.

Drake 9. (Original) The printer module of claim 1 wherein the printhead is a monolithic drop-on-demand inkjet printer. print bar 10

Iwata 10. (Original) The printer module of claim 1 wherein the means for moving printable media comprises a motive means driving one or more powered rollers adjacent one or more neutral rollers. 12a

Iwata 11. (Original) The printer module of claim 10 wherein the motive means is an electric motor and gearbox. (motor drive 60)

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12. (Original) The printer module of claim 2 wherein said controller incorporates image processing and quality assurance integrated circuits. e. 14, L. 8-18.

13. (New) The printer module of claim 10 wherein the powered rollers are located on opposites sides of the printhead. (Fig 3)